

[Name of Document] Abstract of the Disclosure

[Abstract]

[Object of the Invention]

The object of the present invention is to provide a magneto-optical
5 device capable of carrying out recording and reading operations including
erasing through magnetic heads. This device may also used in a polarizer,
and in a display device for visually displaying picture images by applying
a magnetic field and illuminating light.

[Means for Solving the Problems]

10 A magneto-optical device of the present invention includes a
substrate which is transparent in the visible spectral region and a
plurality of thin layers of ferromagnetic material disposed thereon, each
of the thin layers preferably having a width of from 5 to 100 nanometers
and a thickness of from 0.1 to 5 microns, and being parallel with one
15 another with a spacing of from 0.2 to 2 microns. The thin layers of
ferromagnetic material are disposed preferably on the side wall portions
of a plurality of concave grooves formed parallel with one another on the
transparent substrate.

[Selected Drawing]

20 FIG. 1.

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